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ACRONYMS for the EOSDIS Core System (ECS) Project

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Abstract

An acronym is usually derived by using the first letter of each word in a phrase to form a shortened version of the phrase (NASA, GSFC, ECS). Sometimes parts of a series of words in a phrase are used to create the acronym (radar for *ra*dio *d*etecting *a*nd *r*anging). Acronyms are used to save space, but more than that they aid in communication by allowing the reader (or speaker and listener) to concentrate on the message and not lengthy, and sometimes cumbersome phrases (CORBA rather than "common object request broker architecture").

The purpose of the Acronym List for the ECS Project is to define terminology used within the EOSDIS Core System (ECS) project. The list was created by ECS engineers and scientists and is maintained by the ECS Data Management organization.

Keywords: dictionary, definitions, abbreviations, style, guide

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A

A.A.	Astronomical Almanac
AA	ancillary data access
AALE	adjusted annual loss expectancy
AAP	advanced archival products
AATSR	Advanced Along-Track Scanning Radiometer (ESA)
ABL	allocated baseline
ABC++	Document generator used to provide class level detail (CDRL 305)
A/C	air conditioning
AC	alternating current
ACI	allocated configuration identification
ACL	access control list
ACMHW	Access and Control Management HWCI
ACR	Active Cavity Radiometer
ACRIM	Active Cavity Radiometer Irradiance Monitor
ACRIMSAT	Active Cavity Radiometer Irradiance Monitor Satellite
ACS	Archived Catalog System (ASF) Automated Cartridge System
ACSLS	Automated Console System for Library Services
AD	applicable document
ADADS	ASTER Data Archive and Distribution System
ADC	affiliated data center
ADEOS	Advanced Earth Observing System (Japan)
ADN	ASTER Data Network
ADP	automated data processing
ADPE	automated data processing equipment
ADS	archive data set
ADSHW	Advertising Service HWCI

ADSRV	Advertising Service CSCI
AFD	architecture flow diagrams
AFE	annual frequency estimate
AFGWC	Air Force Global Weather Central
AFSCN	Air Force Satellite Control Network
AGS	ASTER Ground System
AGU	American Geophysical Union
AHWGC	Ad Hoc Working Group on Consumers
AHWGP	Ad Hoc Working Group on Production
AI	artificial intelligence
AI&T	algorithm integration and test
AIAA	American Institute of Aeronautics and Astronautics
AID	architecture interconnection diagram
AIF	Algorithm Integration Facility (UK)
AIM	automated information management
AIR	airborne imaging radar
AIRS	Atmospheric Infrared Sounder
AIS	automated information security
AISO	automated information security officer
AIT	algorithm integration team algorithm integration and test
AITHW	Algorithm Integration and Test HWCI
AITT	Algorithm Integration and Test Team
AI&T	Algorithm Integration and Test
AITTL	Algorithm Integration and Test Tools CSCI
ALE	annual loss expectancy
ALOG	Application Log File
ALPEX	Alpine Experiment
AM	morning equator crossing spacecraft (ante meridiem)
AMASS	Archival Management and Storage System

AM-1	EOS AM Mission spacecraft 1, morning equator crossing spacecraft series -- ASTER, CERES, MISR, MODIS and MOPITT instruments
AMEX	Australian Monsoon Experiment
AML	Automated Media Library
AMPE	automated message processing exchange
AMS	American Meteorological Society
AMSR	Advanced Microwave Scanning Radiometer
AMSU	Advanced Microwave Sounding Unit
AMTS	Advanced Meteorological Temperature Sounding Study
AMU	Automated Management Unit
Andes MIS	Andean Morphstectonic Information System
ANSI	American National Standards Institute
AO	announcement of opportunity
A_o	operational availability (also shown as Ao)
AOC	award of contract
AOI	Area of Interest
AOIPS	Atmospheric and Oceanographic Information Processing System
AOL	Airborne Oceanographic Lidar
AOS	acquisition of signal advanced orbiting system ASTER Operations Segment
AP	accounts payable Algorithm Package
APC	Access/Process Coordinators
API	Application Program Interface
APID	application process identifier
APL	Applied Physics Laboratory (at Johns Hopkins University)
APT	automatic picture transmission
AQA	Algorithm Quality Assurance
AQAHW	Algorithm Quality Assurance HWCI
AQUA	rename for PM-1 Mission

AR	accounts receivable Action Request
ARAM	automated reliability/availability/maintainability
ARC	Ames Research Center Antarctic Research Center
ARGOS	Argos Data Collection And Position Location System
ARIA	Advanced Range Instrumentation Aircraft
ARIN	Aerospace Resource Information Network
ARISTOTELES	Applications and Research Involving Space Technologies Observing the Earths' Field from Low Earth Orbiting Satellite
ARM	Atmospheric Radiation Measurement (DoE program)
ARP	address resolution protocols
ARPA	Advance Research Project Agency
ARS	Action Request System (by Remedy)
AS	Administration Stations
ASAS	Advanced Solid-State Array Spectrometer
ASAR	Advanced Synthetic Aperture Radar (ESA)
ASCII	American Standard Code for Information Interchange
ASE	Adaptive Server Enterprise (Sybase Server)
ASF	Alaska SAR Facility (DAAC)
ASI	Agenzia Spaziale Italiano
ASLE	adjusted single loss expectancy
ASN.1	abstract syntax notation one
ASSIST	ADPE system sizing tool
AST	algorithm support team ASTER Science Team
ASTER	Advanced Spaceborne Thermal Emission and Reflection Radiometer (formerly ITIR)
ASTGW	ASTER Gateway CSCI
AT	Acceptance Test
ATBD	Algorithm Theoretical Basis Document
ATC	absolute time command

ATL	Automated Tape Library
ATLAS	Atmospheric Laboratory for Applications and Science
ATLID	Atmospheric Lidar
ATM	Asynchronous Transfer Mode
ATMOS	Atmospheric Observations Satellite
ATMP	acceptance test management plan
ATP	acceptance test plan
ATRR	Acceptance Test Readiness Review
ATSR	Along Track Scanning Radiometer
ATT	acceptance test team
AURA	rename for CHEM Mission
AVG	average
AVHRR	Advanced Very High-Resolution Radiometer
AVIRIS	Airborne Visible and Infrared Imaging Spectrometer
AVS	Advanced Visualization System
AWIPS-90	Advanced Weather Interactive Processing System for the 90's

B

BAAS	Billing/Accounting Application Service
BAFO	best and final offer
BAP	baseline activity profile
BASC	Board on Atmospheric Science and Climate (NRC)
BB	broad band bulletin board
BBS	bulletin board server bulletin board service bulletin board system
BCR	budget change request
BCP	Bulk Copy Program
BCWP	budgeted cost for work performed

BDDN	broadcast data distribution node
BDDS	broadcast data distribution system
BDF	bi-directional reflective factor
BDRFs	Bidirectional Reflectance Distribution Function
BDRN	broadcast data receiver node
BDS	Bulk Data Server
BDU	bus data unit
BER	bit error rate
BGP	boundary gateway protocol
BIP	background information package
BIS	Baseline Information System
BIT	built in test
BIU	bus interface unit
BLM	BaseLine Manager
BMFT	Bundesministerium fur Forschung und Technologie (FRG)
BNF	Backus-Naur Form
BNSC	British National Space Centre
BOA	basic object adapter
BOD	beneficial occupancy date
BONeS	block oriented network simulator
B0SOT	B.0 Search and Order Tool
bpi	bits per inch
bps	bits per second
Bps	bytes per second
BRDF	bi-directional reflective distribution function
BTU	British thermal unit
BUFR	binary universal format for representation [of data]

C

C&DHS	Command and Data Handling Subsystem (AM-1)
C&DM	configuration and data management
C&T	communications and tracking
C/D	integrated Phase C and Phase D contract
C^3	Communications, Command and Control
CAC	command activity controller
CAD	computer aided design
CADU	channel access data unit
CAE	computer-aided engineering
CAL/VAL	calibration/validation
CALS	Cloud and Aerosol Lidar System
CALS	computer-aided acquisition and logistics support
CAM	computer-aided manufacturing control account manager
CAP	Cartridge Access Port
CASE	computer aided software engineering
CAST	computer aided software test
CBB	contractor's budget baseline
CBP	Celestial body position
CBT	computer based training
CCB	Change Control Board (Raytheon Convention) Configuration Control Board (NASA Convention)
CCD	charge coupled device
CCDI	ClearCase DDTS Integration
CCITT	Comite Consultatife International de Telephonique et Telegraphique (France) Consultative Committee for International Telecommunication and Telegraph
CCR	commitment, concurrency, and recovery (protocol) configuration change request

CCRS	Canadian Centre for Remote Sensing
CCS	Common Carrier Subsystem (Ecom)
	Communications and Control Segment (NCC)
	Control Center System
CCSDS	Consultative Committee for Space Data Systems
CCT	computer-compatible tape
CCTI	control center technology interchange
CD	compact disk
	cartridge drives
CD-ROM	compact disk - read only memory
CDA	command and data acquisition
CDCR	Conceptual Design And Cost Review
CDDIS	Crustal Dynamics Data Information System
CDE	Common Desktop Environment
CDF	Common Data Format
CDHF	Central Data Handling Facility
CDIAC	Carbon Dioxide Information and Analysis Center (also known as DOE/CDIAC)
CDIC	Carbon Dioxide Information Center
CDIS	command and data interface simulator
CDMS	Cryospheric Data Management System (NSIDC)
CDMTS	Configuration/Data Management Tracking System (ECS)
CDOS	Customer Data and Operations System (obsolete)
CDR	Critical Design Review
CDRC	CIESIN Data and Research Center
CDRD	Contract Data Requirements Document
CDRL	Contract Data Requirements List
CDS	cell directory service
	CCSDS day segmented time code
CDSCP	cell directory service command program
CDSF	customer data service facility
CDU	customer data unit

CDW	critical design walk-through
CEC	Commission of European Committees
CEES	Committee on Earth and Environmental Sciences
CEI	contract end item
CEO	Centre for Earth Observation (ESA)
CEOS	Committee on Earth Observations Satellites
CEOSWGD/CS	CEOS Working Group on Data, Catalog Subgroup
CERES	Clouds and Earth's Radiant Energy System
CERT	Computer Emergency Response Team
CESDIS	Center for Excellence in Space Data and Information Sciences
CESDS	Central Environmental Satellite Data System (NOAA)
CF	customer facility
CGF	configuration file
CFIS	conflict-free instrument schedule
CFR	Code of Federal Regulations
CFS	conflict-free schedule
CGC	Committee on Global Change (NRC)
CGI	Common Gateway Interface
CGM	computer graphics metafile
CHCI	communications hardware configuration item
CHEM	see EOS-CHEM
CHI	computer human interface
CHUI	character-based user interface
CI	configuration item
CIDM	Client, Interoperability and Data Management
CIESIN	Consortium for International Earth Science Information Network
CIL	common interface language critical items list
CINTEX	CEOS Catalogue Interoperability Experiment
CIWG	Catalog Interoperability Working Group

CLAES	Cryogenic Limb Array Etalon Spectrometer
CLCW	command link control word
CLS	Client Subsystem
CLTU	command link transmission unit
CM	Configuration Management
CMAS	configuration management application service
CMD	command
cmi	continuous measurable improvement Cryptographic Management Interface
CMIP	common management information protocol
CMIS	common management information services
CMO	Configuration Management Organization
CMP	Configuration Management Plan corrective maintenance performed
CMS	command management system common management service
CN	change notice
CNES	Centre National d'Etudes Spatiales (France)
CO	contracting officer
CO1	Change Order 1
COARE	[TOGA] Coupled Ocean-Atmosphere Response Experiment
CODMAC	Committee on Data Management, Archiving, and Computing
COHMEX	Cooperative Huntsville Meterological Experiment
CoI	co-investigator
COLOR	Ocean Color - see EOS-COLOR
COMMS	Communication Subsystem (AM-1)
CONS	connection oriented network service
COOP	continuity of operations plan
COP	command operation procedure calibrated output processing
CORBA	common object request broker architecture

COSMIC   Computer Software Management and Information Center (NASA)

COSS   common object services specifications

COTR   Contracting Officer's Technical Representative

COTS   Commercial Off-The-Shelf (hardware or software)

CPCI   Computer Program Configuration Item

CPL   computer program library

CPM   critical path method

CPS   contractor purchasing system

CPSR   Contractor Purchasing System Review

CPT   Contractor Provided Training

CPU   central processing unit

CR   change report
            change request
            contractor report
            correlation radiometer

CRC   Climate Research Committee (NRC)
            cyclic redundancy code

CRISTA   Cryogenic Infrared Spectrometers and Telescopes for the Atmosphere

CRL   Communication Research Lab (Japan)

CRM   change request manager

CRR   Capabilities and Requirements Review

CRU   computer resource unit

CS   client server (use client-server for EDHS search)

CSA   Canadian Space Agency
            configuration status accounting

CSAT   Center for Space and Advanced Technology -- see ESSi

CSC   Computer Software Component
            coordinate system conversion

CSCI   Computer Software Configuration Item

CSDT   computer science data type

CSI   configuration sub item

CSIRO   Commonwealth Scientific and Industrial Research Organization (Australia)

CSMS	Communications and Systems Management Segment (ECS)
CSO	computer security officer
CSR	Consent To Ship Review
CSS	Communications Subsystem
CSSR	contract summary status report
CSTOL	Customer System Test and Operations Language
CSU	computer software unit
CTC	contract target cost
CTC	cost to complete
CTD	cost to date
CTIU	command and telemetry interface unit (AM-1)
CUC	constant and unit conversions CCSDS unsegmented time code
CVCDU	coded virtual channel data unit
CVT	current value table
CWBS	contract work breakdown structure
CY	calendar year
CZCS	Coastal Zone Color Scanner

D

D3	High performance tape cartridge system used in DSS STMGT CSCI. Model is Red Wood SD-3.
D/L	down-link
DAA	Data Availability Acknowledgment
DAAC	Distributed Active Archive Center
DADS	Data Archive and Distribution System Data Archive and Distribution Subsystem (Version 0)
DAM	DAAC archive manager
DAMUS	data management and user services
DAN	Data Availability Notice

DAO	Data Assimilation Office	
DAP	directory access protocol Delivered algorithm package	
DAR	Data Acquisition Request	
DART	Data Acquisition Request Tool	
DAS	Data Assimilation System (at DAO) Data Availability Schedule Detailed Activity Schedule Direct Access System (AM-1) Dual Attached Station	
DASD	direct assess storage device	
DASM	design and analysis support model	
DAT	digital audio tape	
DB	database direct broadcast (AM-1)	
DBA	database administrator	
DBM	database management	
DBMS	database management system	
DCA	data collection assignment	
DCAR	data collection analysis request	
DCCI	distributed computing configuration item	
DCE	Distributed Computing Environment (OSF)	
DCF	data capture facility	
DCHCI	Distributed Communications HWCI	
DCL	data control language	
DCMC	defense control management center	
DCN	document change notice	
DCO	document change order	
DCP	default configuration procedure	
DCR	data collection request	
DCTT	DSN Compatibility Test Trailer	
DCW	Digital Chart of the World	

DDA	Data Delivery Acknowledgment
DDB	delayed direct broadcast
DDC	document development and control (matrix)
DDF	Data Distribution Facility (Pacor)
DDICT	Data Dictionary CSCI
DDIST	Data Distribution CSCI
DDL	data definition language direct down-link (AM-1)
DDM	Database Development and Management (subsystem)
DDN	Data Delivery Notice
DDSIT	Data Distribution Service CSCI
DDSRV	Document Data Server CSCI
DDT	DAAC Distribution Technician
DDTS	Distributed Defect Tracking System (COTS)
DECOM	[FOS] decommutation process
DED	data element directory
DEF	data exchange format
DEM	Digital Elevation Model
DES	data encryption standard
DESKT	Desktop CSCI
DEV	custom developed code
DFCD	data format control document
DFD	data flow diagram
DFRD	data format requirements document
DFS	distributed file system
DHF	data handling facility
DIB	directory information base
DID	data item description
DIF	data interface facility directory interchange format
DIM	Distributed Information Manager

DIMGR	Distributed Information Manager CSCI
DIP	distribution and ingest peripheral
DIPHW	Distribution and Ingest Peripheral HWCI
DIS	data information system data ingest and server data interface system Draft international standard
DIT	DAAC ingest technician
DLL	dynamic link library
DLPO	DoD Landsat Program Office
DLR	German Aerospace Research Establishment
DLS	Dynamic Limb Sounder
DLT	data link terminal digital linear tape
DM	Data Management
DMA	Defense Mapping Agency
DME	distributed management environment
DMGHW	Data Management HWCI
DML	data manipulation language
DMP	data migration plan
DMR	detailed mission requirements
DMS	Data Management Subsystem Data Migration Service
DMSP	Defense Meteorological Satellite Program
DMT	Data Management Team (LaRC)
DMWG	Data Migration Working Group
DN	design note
DNS	domain name service
DO	derived objects
DOC	distributed object computing
DoC	Department of Commerce

DOD	digital optical data
	digital optical disk
DoD	Department of Defense
DoE	Department of Energy
DOF	distributed object framework
DoI	Department of the Interior
DOM	Dissolved Organic Matter
DOPLID	Doppler Lidar
DORRAN	Distributed Ordering, Reporting, Researching, and Accounting Network (EDC)
DOTS	Data Ordering and Tracking System (JPL)
DP	direct playback (AM-1)
	data provider
DPF	data processing facility
DPFT	Data Processing Focus Team
DPI	data processing installation
DPM	Deputy Project Manager
DPP	Data Pedigree Review
DPR	Data Processing Request
	December Progress Review
DPREP	Data Pre-Processing
DPRID	data processing request identifier
DPS	Data Processing Subsystem
DQS	domain queuing system
DR	Data Repository
	data request
	disaster recovery
	discrepancy report
DRA	data request acknowledgment
DRD	data requirements document
DRL	data requirements list
DRPHW	Data Repository HWCI
DRS	direct down-link receiving station

DRTS	Data Relay and Tracking Satellite (Japan)
DS	Data Server
DS-1	digital signal 1
DSA	directory service agent
DSB	direct soundings broadcast
DSCC	Deep Space Communications Complex (DSN)
DSKT	Desktop CSCI
DSM	data systems manager distribution storage management
DSMC	Defense System Management College
DSN	Deep Space Network
DSP	directory service protocol
DSS	Data Server Subsystem decision support system
DST	Data diSTribution
DSU/CSU	data service unit/channel service unit
DT	data type
DT&E	development test and evaluation
DTD	document type definition (XML)
DTF	development and test facility
DTG	date time group
DTIC	defense technical information center
DTM	digital terrain model
DTR	development and test resource
DTS	Distributed Time Server Distributed Time Service Data Type Services
DV	data visualization development

E

E-R	entity-relationship
EAC	estimate at completion
EAP	EOSDIS Advisory Panel
Early AM-1	EOS Morning Crossing (Descending) Mission
EAS	ECS Advertising Service
EAS	electrical accommodation subsystem (AM-1)
EBCDIC	extended binary-coded decimal interchange code
EBIS	ECS Baseline Information System
EBnet	EOSDIS Backbone Network (combines Ecom and ESN)
EC	European Community executive committee error conditions (types in tickets)
ECA	engineering change analysis
ECC	error correction and control
ECI	Earth centered inertial
ECMP	ECS configuration management plan
ECMWF	European Centre for Medium Range Weather Forecasts (UK)
ECN	engineering change notice equipment control number
Ecom	EOS Communications (replaced by EBnet)
ECP	engineering change proposal
ECR	Earth centered rotating engineering change request
ECS	EOSDIS Core System
EDC	EROS Data Center (DAAC)
EDCAS	equipment designers cost analysis system
EDF	ECS Development facility
EDG	EOS Data Gateway

EDGRS	ECS Data Gathering and Reporting System (OSS)
EDHS	ECS Data Handling System
EDI	electronic data interface
EDMP	ECS Data Management Plan
EDN	expedited data set notification
EDOS	EOS Data and Operations System
EDR	expedited data set request
EDRS	European Data Relay Satellite
EDS	Earth Data System (NIIT) Electronic Data Systems (ECS Team) Expedited data set
EDU	EDOS Data Unit
EEA	European Environment Agency
EECF	Earthnet ERS-1 Central Facility
EEID	EOSDIS external interface document
EEMOC	European EMOC
EGCM	Eddy-resolving General Circulation Model
EGS	EOS Ground System
EIA	Electronic Industries Association
EIF	Entry Interface Facility
EIN	equipment identification number equipment inventory number
EISA	enhanced industry standard architecture
ELAS	Earth (Resources) Lab Applications Software
EMA	enterprise management architecture
E-mail	electronic mail (also Email, e-mail,email)
EMASS	E-Systems Modular Automated Storage Systems
EMC	enterprise monitoring and coordination
EMI	electromagnetic-radiation interference
EMLS	EOS Microwave Limb Sounder
EMOC	EOSDIS Mission Operations Center

EMOS	ECS Mission Operations Segment (formerly FOS)
ENAC	Energetic Neutral Atom Camera
ENACEOS	Energetic Neutral Atom Camera for EOS
ENSO	El Ni–o/southern oscillation
ENVISAT-1	first POEM mission (ESA)
EO	engineering order
EO-ICWG	Earth Observations International Coordination Working Group
EOC	Earth Observation Center (Japan) EOS Operations Center (ECS)
EODC	Earth Observation Data Centre (UK)
EOPS	ERBE Operational Processing System (LaRC)
EOS	Earth Observing System
EOS AM	EOS Morning Equator Crossing (Descending) Mission
EOSAT	Earth Observing Satellite Company
EOS CHEM	EOS Chemistry Mission
EOS COLOR	EOS Color Mission
EOS PM	EOS Afternoon Equator Crossing (Ascending) Mission (afternoon spacecraft series) (see AIRS, AMSU-A, MHS, MIMR, CERES and MODIS) instruments
EOSDIS	Earth Observing System Data and Information System
EOSL	Earth Observation Sciences Ltd. (UK)
EOSP	Earth Observing Scanning Polarimeter
EOSSMS	EOS Space Measurement System
EOSSRP	EOS Scientific Research Program
EP CSR	Evaluation Package Consent To Ship Review
EP	evaluation package
EPA	Environmental Protection Agency
EPDS	earth probe data system
EPG	ECS Process Improvement Group
EPH	ephemeris data access
EPRR	Evaluation Package Readiness Review
EPL	engineering parts list

EPO	emergency power off
EPOP	European Polar-Orbiting Platform
EPS	electrical power subsystem (AM-1)
	encapsulated postscript
EPV	endpoint vector
ERBE	Earth Radiation Budget Experiment
ERBS	Earth Radiation Budget Satellite
ERD	entity relationship diagram
ERIM	Environmental Research Institute of Michigan
ERL	environmental research laboratory
EROS	Earth Resources Observation System
ERS	Earth Resources Satellite
	European Remote-Sensing Satellite
ERS-1	European Remote Sensing Satellite-1
ERS-2	European Remote Sensing Satellite-2
ERSDAC	Earth Resources Satellite Data Analysis Center (Japan)
ESA	European Space Agency
ESADS	Earth Science and Applications Data System (NASA Headquarters)
ESC	engineering support center
ESD	Engineering Support Directive
ESDD	Earth Science Data Directory
ESDIS	Earth Science Data and Information System (GSFC Code 505)
ESDT	Earth Science Data Type
ESFU	enhanced standard format unit
ESIC	Earth Science Information Center
ESID	EOSDIS systems interface document
ESIS	ESA Space Information Systems
ESJWG	Earth Science Joint Working Group
ESMO	Earth Science Mission Operations
ESMP	ECS schedule management plan
ESMR	Electronically Scanning Microwave Radiometer

ESN	EOSDIS Science Network (ECS) (replaced by EBnet)
ESO	ECS Server Object
ESOD	Earth Science On-line Directory
ESQL	Earth Science Query Language
ESRI	Environmental Systems Research Institute
ESRIN	European Space Research Institute
ESS	Engineering support subsystem (Ecom)
ESSC	European Space Science Committee
ESSi	Engineering and Science Services, Inc. (ECS Team)
ESSM	Enterprise SQL Server Manager
ESTAR	Electrically Scanned Thinned Array Radiometer
ESTEC	European Space Research and Space Technology Centre
ESTOL	EOS Standard Text and Operation Language
ESUS	ECS Scientist User Survey
ET	ephemeris tool
ETC	engineering training course
ETFSP	Enhanced Technology Flight Segment Prototype
ETM	ECS technical manager engineering test model
ETM+	Enhanced Thematic Mapper Plus (Landsat 7)
ETR	Element Test Review
ETS	EOS test system EOSDIS Test System
EU	engineering unit
EUMETSAT	European Organization for the Exploitation of Meteorological Satellites
EUV	extreme ultraviolet
EUVE	Extreme Ultraviolet Explorer
EV	earned value (use earned-value for EDHS search)
EVR	ECS Verification Report

F

F&PRS	Functional and Performance Requirements Specification
F/L	forward link
F/P-INT	Fabry Perot Interferometer
FAM	file access methods
FAME	formatting and multiplexing equipment
FAR	Federal Acquisition Regulation
FAS	FOS analysis subsystem
FASAB	Financial Accounting Standards Advisory Board
FASINEX	Frontal Air Sea Interaction Experiment
FAST	Fast Auroral Snapshot Explorer
FAT	factory acceptance test file allocation table (DOS)
FBL	functional baseline
FC	fiber channel functional components (types in tickets)
FCA	functional configuration audit
FCAPS	Fault, Configuration, Accountability, Performance, and Security
FCI	functional configuration identification
FCS	first customer shipment
FDD	Flight Dynamics Division (GSFC Code 550)
FDDI	Fiber Distributed Data Interface
FDF	Flight Dynamics Facility (replaced by FDS)
FDFEPHEM	FDF-generated definitive orbit data
FDIR	fault detection and isolation recovery
FDMA	frequency division multiple access (aka spread spectrum)
FED	frame encapsulator/decapsulator (Ecom)
FEP	front end processor
FFMSR	Federal Financial Management System Requirements

FFT	Fast Fourier Transform
FGDC	Federal Geographic Data Committee
FGGE	First Garp Global Experiment
FH	Fault Handling
FI	facility inspection faulty instrument
FIFE	First ISLSCP Field Experiment 1
FIPS	Federal Information Processing Standard
FIRE	First ISCCP Regional Experiment
FITS	flexible image transfer system
FIX	Federal Internet Exchange
FK	Foreign key
FLD	first level destination
FLDB	Fileset Location Database
FLI	Fluoresence Line Imager
FMAS	fault management application service
FMEA	failure modes and effects analysis
FNMOC	Fleet Numerical Meteorology and Oceanography Center
FNOC	Fleet Numerical Oceanographic Center (Navy) Federal Naval Operations Center
FOC	final operational capability
FOLD	Federally-owned Landsat data
FOO	flight of opportunity
FORMATS	FDF orbital and mission aids transformation system
FORTRAN	FORmula TRANslation (computer language)
FOS	Flight Operations Segment (ECS)
FOT	Flight Operations Team
FOV	field of view
FPMH	failures per million hours
FRR	Flight Readiness Review

FS	file structure (use file-structure for EDHS search) flight segment
FSDR	Final System Design Review
FSMS	file and storage management system
FST	Field Support Terminal (ECS)
FTA	transparent file access
FTAM	file transfer, access, and management file transfer access method
FTM	file transfer management
ftp	file transfer protocol
ftpd	file transfer protocol daemon
FTS	Fourier Transform Spectrometer
FUI	FOS user interface
FY	fiscal year

G

G/B	gateway/bridge
GAC	global area coverage (AVHRR)
GAO	General Accounting Office
GAST	Greenwich apparent sidereal time
GATT	Government Acceptance Test Team
GB	gigabyte (10^9)
Gb	gigabit (10^9)
GBps	gigabytes per second
Gbps	gigabits per second
GC	global change
GCDIS	Global Change Data and Information System
GCF	ground communications facility (DSN)
GCM	global circulation model
GCMD	Global Change Master Directory

GCP	ground control point
GCRP	Global Change Research Program
GCT	geo-coordinate transformation
GCTP	general cartographic transformation package
GDAO	Goddard [Space Flight Center] Data Assimilation Office
GDC	GeoData Center (University of Alaska, Fairbanks)
GDPS	ground data processing system
GDR	Geophysical Data Record (JPL)
GDS	ground data system ground directory service
GEOSAT	Navy Geodetic Satellite
GEWEX	Global Energy and Water Cycle Experiment
GFDL	Geophysical Fluid Dynamics Laboratory
GFE	Government furnished equipment
GFI	Government furnished information
GFLOPS	giga (billions of) floating-point operations (10^9) per second
GFP	Government furnished property
GGI	GPS Geoscience Instrument
GHB	Goddard Handbook
GIF	graphical interchange format
Giga	billion (10^9)
GIIS	General Instrument and Welfare Specification
GIMMS	Global Inventory Modeling and Monitoring Study
GIMTACS	GOES I-M Telemetry and Command System
GIPS	giga (billions of) instructions (10^9) per second
GIRD	General Interface Requirements Document
GIS	geographical information system
GISS	Goddard Institute for Space Studies
GKS	graphical kernel system
GL	general ledger

GLA	Goddard Laboratory of Atmospheres
GLAS	Geoscience Laser Altimeter System
GLIS	Global Land Information System (EDC)
GLM	Geostationary Meterorological Satellite
GLOBE	Global Backscatter Experiment
GLRS	Geoscience Laser Ranging System
GMI	Goddard Management Instruction
GMS	Geostationary Meteorological Satellite
GMST	Greenwich mean sidereal time
GMT	Greenwich mean time
GN	ground network
GN&CS	Guidance, Navigation, and Control Subsystem (AM-1)
GNMP	Government Network Management Profile Protocol
GNSS	Ground network scheduling system
GOES	Geostationary Operational Environmental Satellite
GOLD	Global on-line directory
GOMOS	Global Ozone Monitoring by Occultation of Stars (ESA)
GOMR	Global Ozone Monitoring Radiometer
GOPS	giga (billions of) operations (10^9) per second
GOS	Geomagnetic Observing System
GOSIP	Government Open Systems Interconnection Profile
GPCC	Global Precipitation Climatology Centre, Frankfurt, Germany
GPCP	Global Precipitation Climatology Project
GPI	Global Precipitation Index GOES Precipitation Index
GPS	Geophysical Products System Global Positioning System
GQM	goal-question-metric
GRASP	Graphical and Statistical Data Analysis Package
GREM	Geopotential Research Explorer Mission

GRIB	grid in binary
GRID	[UNEP] Global Resource Information Data Base
GRO	Gamma Ray Observatory
GRP	Geophysical Research Program
GS	ground segment [EOS] ground system
GSO	Global Server Object
GS&O	ground systems and operations
GSFC	Goddard Space Flight Center
GSIWG	Ground System Integration Working Group
GSMS	Ground System Management Subsystem (ASTER)
GSOP	Ground System Operations Project
GSS	generic security standard
GTWAY	Gateway CSCI [for Version 0 interoperability]
GUI	graphical user interface
GV	ground validation data (TRMM)
GWE	Global Weather Experiment

H

H/K	housekeeping
H/W	hardware
HAC	Hughes Aircraft Corporation [Now Raytheon Company]
HAIS	Hughes Applied Information Systems (ECS Team) [Now Raytheon Company]
HALOE	Halogen Occultation Experiment
HAPEX	Hydrological-Atmospheric Pilot Experiment
HCE	hardware configuration engineer
HD	hard drive
HDF	Hierarchical Data Format
HDF-EOS	an EOS proposed standard for a specialized HDF data format

HDLC	high-level data link control
HGA	high gain antenna (AM-1)
HIMSS	High-Resolution Microwave Spectrometer Sounder (replaced by MIMR)
HIPPI	High Performance Parallel Interface
HIRDLS	High-Resolution Dynamics Limb Sounder
HIRIS	High-Resolution Imaging Spectrometer
HIRS	High-Resolution Infrared Radiation Sounder
HIS	High Resolution Interferometer Sounder
HITC	Hughes Information Technology Company (ECS Team) [Now Raytheon Company]
HLE	high level event
HLL	high level language
HMI	human machine interface
HOL	higher order language
HOM	Hotline Oblique Mercator
HP	Hewlett Packard
HPOV	Hewlett Packard OpenView (COTS product)
HRDI	High Resolution Doppler Interferometer
HRM	high rate multiplexer
HRPT	High Resolution Picture Transmission (AVHRR)
HRSR	High Resolution Scanning Radiometer (NOAA)
HRTR	high rate tape recorder
HSB	Humidity Sounder for Brazil
HSC	high speed channel
HSM	hierarchical storage management
HSMT	helical scan magnetic tape (videotape)
HST	Hubble Space Telescope
HTML	hypertext markup language
HTSC	Hughes Technical Services Company (ECS Team) {Now Raytheon Technical Services Company]
HTTP	hypertext transfer protocol

HVAC   High voltage alternating current

HWCI   HardWare Configuration Item

HWM   high water mark

I

I&AT   Integration and Acceptance Test

I&T   Integration and Test

I&TT   integration and test team

I/F   interface

I/O   input/output

I^2V^2 independent integration, verification, and validation

IA   interagency agreement

IADL   instrument activity deviation list

IAL   instrument activity list

IALE   individual annual loss expectancy

IAR   Independent Architecture Review
              Internal Audit Report

IAS   Image Assessment System
              instrument activity specification
              Instrument assessment system

IATO   Independent Acceptance Test Organization

IAU   International Astronomical Union

IAW   in accordance with

IBM   International Business Machines

IBP   International Biomed Program

ICAI   interactive computer-aided instruction

ICC   Instrument Control Center (ECS) (ASTER)

ICD   Interface Control Document

ICF   instrument control facility (ECS)

ICLHW   Ingest Client HWCI

ICMP	Internet control message protocol
ICN	International Communications Network
ICSU	International Council of Scientific Unions
ICWG	Interface Control Working Group International Coordinating Working Group
ID	identification identifier
IDB	instrument database
IDD	instrument description document Interface Definition Document
IDG	Infrastructure Development Group
IDIMS	Interactive Data Integration and Management System
IDL	interface definition language Interactive Data Language
IDM	Interoperability and Data Management
IDR	Internal Design Review Incremental Design Review
IED	infrastructure engineering division
IEEE	Institute of Electrical and Electronics Engineering
IEEE_CS	Institute of Electrical and Electronics Engineering – Computer Science
IEF	inventory exchange format
IEOS	International Earth Observing System
IERS	International Earth Rotation Service
IET	interactive evaluation tool
IETF	Internet Engineering Task Force
IFOV	instantaneous field of view
IFWG	Interface Working Group
IGAC	international global atmospheric chemistry
IGBP	International Geosphere-Biosphere Program
IGDR	Interim Geophysical Data Record (JPL)
IGMP	Internet group management protocol
IGS	International Ground Station

IGSE	instrument ground support equipment
IHCI	internetworking hardware configuration item
II	interdisciplinary investigator
IIAS	Interactive Image Analysis System (ASF)
IICF	interdisciplinary investigator computing facility
IICS	international interoperability catalog systems
IID	instrument interface document
IIF	Interfaces and InFrastructure
IIR	Instrument Interface Review
IIWG	Interdisciplinary Investigator Working Group
ILG	Infrastructure Library Group
ILM	Inventory, Logistics, Maintenance Manager
ILP	integrated logistics plan
ILS	integrated logistics support
ILSMT	ILS management team
ILSO	ILS Office
ILSP	ILS plan
ILSPM	ILS Program Manager
ILSS	ILS system
IMS	Information Management System (ECS element name) information management service
IMSL	International Mathematical and Statistical Libraries
INCI	Internetworking CSCI
INGST	Ingest CSCI
INHCI	Internetworking HWCI
INN	InterNet News
Inode	index node
INORAC	Inquiry, Order, and Accounting System (EDC)
INS	Ingest Subsystem
Intelsat	International Telecommunications Satellite

IOC	inception of contract
	Initial Operational Capability
	Intergovernmental Oceanographic Commission
IOS	InterOperability Subsystem
	inventory and order system (JPL)
IOSDL	Institute of Oceanographic Sciences Deacon Laboratory
IOT	Instrument Operations Team
IP	installation plan
	international partner
	Internet protocol
IP-ICC	International Partners-Instrument Control Center
IPA	inter-project agreement
IPC	instrument processing center
IPCC	Intergovernmental Panel on Climate Change
IPD	Integrated Product Development (Raytheon Process)
IPDP	Integrated Product Development Process (Raytheon Process)
IPDS	Integrated Product Development System (Raytheon Process)
IPEA	Internet protocol encapsulated addressing
IPEI	Ionospheric Plasma and Electrodynamics Instrument
IPF	international partner facility
IPGS	international partner ground system
IPI	international partner interface
IPICC	International Partners-Instrument Control Center
IPMOC	International Partners-Mission Operations Center
IPng	Internet protocol, next generation
IPOC	International Partner Operations Center
IPOMS	International Polar Orbiting Meteorological Satellite Committee
IPPD	Integrated Product Process Development (Raytheon Process)
IQ	Intelligent Query and IQ Access
Ir1	interim release 1 (use Ir-1 for EDHS search)
IR	infrared
	interim release

IR&D	independent research and development
IR-RAD	infrared radiometer
IRD	Interface Requirements Document
IRIS	Italian Research Interim Stage
IRM	information resources management
IRP	instrument resource profile
IRR	Integrated Requirements Review Incremental Release Review
IRS	Information Retrieval Service (ESA) interface requirements specification
IS-IS	intermediate system to intermediate system
ISAMS	Improved Stratospheric and Mesospheric Sounder
ISAR	instrument support activity request
ISAS	Institute of Space and Astronautical Science (Japan)
ISCCP	International Satellite Cloud Climatology Project
ISDN	integrated services digital network
ISI	inter-disciplinary science investigation
ISLE	individual single loss expectancy
ISLSCP	International Satellite Land Surface Climatology Project
ISO	International Standards Organization
ISOLAN	isolated local area network
ISP	integrated support plan
isql	interactive SQL
ISS	Internetworking SubSystem
IST	Instrument Support Toolkit instrument support terminal (ECS)
ISTP	International Solar and Terrestrial Physics
ISY	International Space Year (1992)
IT	Instrument Team
ITIR	Intermediate Thermal Infrared Radiometer
ITO	independent test organization

ITS	Intelligent Terminal Segment (NCC)
ITV	integration, test, and verification
IUS	Informix Universal Server
IV&V	Independent Verification and Validation
IWG	Investigator Working Group
IWGDMGC	Interagency Working Group on Data Management for Global Change

J

JAROS	Japan Resources Observation System [Organization]
JDT	Java Data Acquisition Request Tool
JEOC	Japanese Earth Observing Center
JEOS	Japanese Earth Observing System
JERS	Japanese Earth Remote-Sensing Satellite
JESS	Java Earth Science Server
JEST	Java Earth Science Tool
JGOFS	Joint Global Ocean Flux Study
JICC	Japanese Instrument Control Center
JIL	Job Information Language
JM	Job Management
JMA	Japan Meteorological Agency
JNC	jet navigational charts
JODC	Japan Ocean Data Center
JPL	Jet Propulsion Laboratory (DAAC)
JPOP	Japanese Polar Orbiting Platform

K

KB	kilobyte (10^3)
Kb	kilobit (10^3)

KBps	kilobytes per second
Kbps	kilobits per second
KFTP	Kerberos File Transfer Protocol
KLOC	kilolines (10^3) of code
Km	kilometer
KSA	Ku-band single access
KSLOC	thousand source lines of code

L

L-7	Landsat-7 (Landsat-7 for EDHS search)
L0	Level 0 (zero) data
L0-L4	Level 0 through Level 4 data (use Level-0 through Level-4 for EDHS search)
L0R	Landsat Reformatted Data
LAC	Local Area Coverage (AVHRR)
LAGEOS	Laser Geodynamics Satellite
LAI	Leaf area index
LAMS	Landsat 7 Archive Management System
LAN	Local Area Network
LANDSAT	LAND Remote-Sensing SATellite
LaRC	Langley Research Center (DAAC)
LAS	Land Analysis System
LASA	Laser Atmospheric Sounder and Altimeter
LASER	light amplification by stimulated emission of radiation
LASP	Laboratory for Atmospheres and Space Physics (University of Colorado)
LaTIS	LaRC TRMM Information System
LAWS	Laser Atmospheric Wind Sounder
LCC	life cycle cost
LCU	Library Control Unit
LDAS	local data access system

LDOS	Landsat Data and Operations System
LFC	large format camera
LFS	local file system
LGA	low gain antenna
LGID	local or logical granule ID
LGN	Landsat Ground Network
LIBI/O	library input/output
LIDAR	Light detection and ranging instrument
LIM	Local Information Manager (SDPS)
LIMGR	Local Information Manager (CSCI)
LIMS	Limb Infrared Monitor of the Stratosphere local information manager
LINPAC	Linpack (Linear Algebra Package)
LIS	Lightning Imaging Sensor
LISP	LISt Processing (computer programming language)
LLC	logical link control
LM	Lockheed Martin (subcontractor to Raytheon)
LMS	logistics management support
LOC	lines of code
LOC/mm	lines of code per man month
LOE	level of effort
LOGSWG	Landsat Operations Ground Segment Working Group
Loral	Loral Aerosys (ECS Team) [Now Lockheed Martin]
LOS	line of sight loss of signal
LPGS	Landsat 7 Level-1 Product Generation System
LPS	Landsat 7 Processing System
LRU	line replaceable unit
LSA	logistics support analysis
LSM	local system management (ECS) local system manager

LSO	logistics support office
LSRR	location server/request router
LTIP	long-term instrument plan
LTM	Log transfer managers
LTOP	long-term operating plan
LTSP	long-term science plan
LUT	Look Up Table
LW	long wave
LWIR	long-wave infra-red
LWM	low water mark
LZ77	Lampel-Ziv coding
LZP	level zero processing
LZW	Lempel-Ziv-Welch compression algorithm

M

M	Million, mega (prefix)
M&O	Maintenance and Operations
M-PDU	multiplexed protocol data unit
M_POP	metadata population
MA	multiple access
MAC	medium access control message authentication code
MACI	Management Agents CSCI
MAN	metropolitan area network
MARC	machine readable cataloging
MAS	Millimeter-wave Atmospheric Sounder
MASEX	Mass Air Sea Transfer Experiment
MAW	minor assist work
MB	megabyte (10^6)

Mb	megabit (10^6)
MBps	megabytes per second
Mbps	mega bits per second
MCF	Metadata Configuration File
MCI	Management Software CSCI
McIDAS	Man-Computer Interactive Data Access System
MD	master directory
MDA	Management Data Access CSC (removed by MSS lite fixes in Drop 4PY)
MDT	mean downtime
MDU	missing data unit
MDUE	missing data unit entry
MDUL	missing data unit list
MD5	A message-digest algorithm developed by RSA Data Security, Inc. It is meant for digital signature applications where a large message has to be "compressed" in a secure manner before being signed with the private key.
	An encryption algorithm used with Kerberos and DCE
MEM	memory management
MERIS	Medium-Resolution Imaging Spectrometer (ESA)
MET	metadata
METEOSAT	Geosynchronous Meteorology Satellite (ESA)
METSOAT	European Weather Satellite
MFD	Master File Directory
MFLOPS	mega (millions of) floating-point operations (10^6) per second
mgmt	management
MHWCI	(System) Management (Subsystem) HWCI
MHS	Microwave Humidity Sounder
MHz	megahertz
MI	master index
MIB	management information base
MIL	military

MIL-HDBK	military handbook
MIL-STD	military standard
MIMD	multiple instructions, multiple data
MIME	multipurpose internet mail extension
MIMR	Multifrequency Imaging Microwave Radiometer
min	minute
MIPAS	Michelson Interferometric Passive AtmosphericSounding (ESA)
MIPS	mega (millions of) instructions (10^6) per second
MIS	management information system
MISR	Multi-Angle Imaging SpectroRadiometer
MITI	Ministry of International Trade and Industry (Japan)
MIZEX	Marginal Ice Zone Experiment
MLCI	Management Logistics CSCI
MLM	mid-level manager
MLS	Microwave Limb Sounder
mm	millimeter mode management
MMI	man-machine interface
MMM	minimum, maximum, and mean
MMO	Mission Management Office
MO&DSD	Mission Operations and Data Systems Directorate (GSFC Code 500)
MOA	memorandum of agreement
MOC	Mission Operations Center
MOCD	magneto-optics compact disk (write many CD) mission operations concept document
MODAPS	MODIS Data Processing System
MODIS	Moderate Resolution Imaging SpectroRadiometer
MODIS-N	Moderate Resolution Imaging Spectrometer-Nadir
MODIS-T	Moderate Resolution Imaging Spectrometer-Tilt
MODNET	MO&DSD Operational Development Network

MOJO	Message Oriented middleware of JEST (JDT) Objects
MOM	Mission Operations Manager
MOP	mission operations plan
MOPITT	Measurements Of Pollution In The Troposphere
MOPS	mega (millions of) operations (10^6) per second
MOR	Mission Operations Review
MOS-1a,b	Marine Observation Satellite (Japan)
MOSS	Mission Operations Science Simulation (Test)
MOU	memorandum of understanding
MOWG	Mission Operations Working Group
MP	message passing
MPM	Micro-Frame Program Manager (produces financial reports)
MPP	massively parallel processor
MPR	Monthly Progress Review
MPS	Mission Planning System (ASF DAAC) mission planning system
MPU	Metadata Populating Utility (LaRC DAAC)
MR	malfunction report Microwave Radiometer
MRDB	mission requirement database
MRF	medium range forecast
MRIR	Medium Resolution Infrared Radiometer (Nimbus)
MRS	maintenance reporting system malfunction/failure reports
MS	Mass Storage Microsoft
msec	millisecond
MSFC	Marshall Space Flight Center (discontinued ECS DAAC)
MSR	management status report [Flights Projects Directorate] Monthly Status Report
MSRM	mass storage reference model

MSS	System Management Subsystem multi-spectral scanner
MSSU	Message Switching System Upgrade (Nascom)
MST	MODIS Science Team
MSU	mass storage unit Microwave Sounding Unit
MTA	message transfer agent
MTBCM	mean time between corrective maintenance
MTBF	mean time between failure
MTBM	mean time between maintenance
MTBPM	mean time between preventive maintenance
MTL	message transfer layer
MTMGW	machine to machine gateway server
MTOOL	Maintenace Tool (DMS)
MTPE	Mission to Planet Earth
MTTR	mean time to repair
MTTRes	mean time to restore
MUA	Mail User Agent
MUI	management user interface
MUX	multiplexer
MVS	multiple virtual system

N

N-ROSS	Navy Remote Ocean Sensing System
N/A	not applicable
NA	network administrator
NACSIM	National Communications Security Instruction Memorandum
NAPP	National Aerial Photography Program
NARA	National Archives and Records Administration
NAS	National Academy of Sciences

NASA	National Aeronautics and Space Administration
Nascom	NASA Communications
NASDA	National Space Development Agency (Japan)
NATO ASI	North Atlantic Treaty Organization Advanced Study Institutes
nav	navigation
NBS	National Bureau of Standards
NCAR	National Center for Atmospheric Research
NCC	Network Control Center (GSFC) network communication center
NCCDS	NCC Data System
NCDC	National Climatic Data Center [NOAA]
NCDS	NASA Climate Data System
NCEP	National Centers for Environmental Prediction
NCF	NSSDC Computer Facility
NCGIA	National Center for Information and Analysis
NCIS	Nadir Climatic Interferometer/Spectrometer
NCR	Non-conformance report
NCS	Network Computing System Netscape Commerce Server
NCSA	National Center for Super-computer Applications
NCSA	National Computer Security Association
NCSL	National Computer Systems Laboratory
NCSNET	Nascom custom subnetwork
NDBC	National Data Buoy Center
NDP	numerical data package
NDVI	Normalized Difference Vegetation Index
NEC	North Equator Crossing
NEDRES	National Environmental Data Referral System
NERC	National Environmental Research Center
NESDD	NOAA Earth Science Data Directory
NESDIS	National Environmental Satellite, Data, and Information Service (NOAA)

netCDF	network Common Data Format
NEWS	NOAA's Earth Watch Service
NEXRAD	next generation radar
NFS	network file system
NGDC	National Geophysical Data Center [NOAA]
NGT	NASA ground terminal
NHAP	national high altitude photography
NHB	NASA handbook
NHC	National Hurricane Center
NIC	network interface card
NIES	National Institute of Environmental Science (Japan)
NII	National Information Infrastructure
NIIT	National Information Infrastructure Testbed
NIPR	National Institute for Polar Research (Japan)
NIS	Network Information Service
NISDDT	Nascom Interface Standards for Digital Data Transmission
NISS	NASA Institutional Support System
NIST	National Institute of Standards and Technology
NIU	network interface unit
NLDN	National Lightning Detection Network
NMC	National Meteorological Center (NOAA) network management center
NMCC	Nascom Management Control Center
NMD	NASA Master Directory
NMF	network management facility
NMF	network management forum
NMI	NASA management instruction
NMOS	Network and Mission Operations Support (NASA program)
NMS	network management subsystem (Ecom) network management system (Ebnet)
NNM	Network Node Manager

NNTP	Network News Transfer Protocol
NOAA	National Oceanic and Atmospheric Administration
NOARL	Naval Oceanographic and Atmospheric Research Lab
NOCC	Network Operations Control Center (DSN)
NODC	National Oceanographic Data Center [NOAA]
NODS	NASA Ocean Data System (JPL)
NOLAN	Nascom Operational Local Area Network
NOR	notice of revision
NOSIE	NODC Ocean Science Information Exchange
NPRD	nonelectronic parts reliability data
NPSNET	Nascom packet switched subnetwork
NRC	National Research Council
NRCA	nonconformance reporting and corrective action
NRDN	NOAA Radar Data Network
NREN	National Research and Education Network
NRL	Naval Research Laboratory
NRN	national research network
NRP	national resource protection
NRSC	National Remote Sensing Centre (UK)
NRT	near real time (data)
NSA	National Security Agency
NSCAT	NASA Scatterometer
NSDD	National Security Decision Directives
NSF	National Science Foundation
NSFNet	NSF Network
NSGW	Nascom Service Gateway
NSI	NASA Science Internet
NSIDC	National Snow and Ice Data Center (DAAC)
NSN	NASA Space Network
NSP	NASA Support Plan

NSSDC	National Space Science Data Center
NSTR	NASA Standard Tape Recorder
NTIC	National Technical Information Center
NTISS	national telecommunications and information systems security (policy)
NTP	network transport protocol
NTTF	NASA Test and Training Facility
NUWIG	NCC User Working Interface Group
NWCI	networking configuration item
NWP	numerical weather prediction
NWS	National Weather Service (NOAA)

O

O&M	operations and maintenance
O/A	orbit/altitude orbit and attitude
OASIS	Operations and Science Instrument Support
OASM	operational analysis support model
OBC	on-board computer
OBS	organizational breakdown structure
OC	operational capability
OCC	operations control center
OCD	operations concept document
OCG	Ocean Catalog Group (NASA)
OCM	ocean color mission
OCR	optical character recognition
OCT	ocean color and temperature
OCTS	Ocean Color and Temperature Scanner
ODB	operational database
ODC	Other Data Center

ODFRM	On Demand Product Request Form
ODL	Object Description Language
ODMS	object data management system
ODP	open distributed processing
ODPR	On-Demand Production Request
OEC	operations engineering center
OEM	original equipment manufacturer
OES	object encapsulation software
OGCM	ocean general circulation model
OIP	operations interface procedure
OJT	on-the-job training
OLAP	on-line analytical processing
OLS	optical line scanner
OLTP	on-line transaction processing
OMA	object management architecture
OMB	Office of Management and Budget (U.S. Government)
OMF	object management framework
OMG	object management group
OMT	Object Modeling Technique
ONR	Office of Naval Research
OO	object oriented
OOA	object oriented analysis
OOD	object oriented design
OODBMS	object oriented database management system
OODCE	object oriented distributed computing environment
OORDB	object oriented relational database
OPAC	on-line payment and collection
OpLAN	operational local area network
OPPM	outside the principal period of maintenance
OPS CON	operations concept

OPS	on-board payload support operations
ORB	object request broker
ORDBMS	object rational database management system
ORNL	Oak Ridge National Laboratory (DAAC)
ORR	Operations Readiness Review
OS	object services operating system
OS^2	operating system 2 (IBM product)
OSDPD	Office of Space Data Processing and Distribution (also NESDIS/OSDPD)
OSF	Open Software Foundation
OSHA	Occupational Health and Safety Administration
OSI	Open Systems Interconnection
OSI-RM	OSI reference model
OSM	open storage manager
OSO	Office of Space Operations
OSPF	open shortest path first (routing protocol)
OSS	Office of Space Station
OSSA	Office of Space Science and Applications
OTS	off the shelf
OTTER	Oregon Transect Ecosystem Research
OV	OpenView (an Hewlett Packard product)
OVW	OpenView for windows

P

P&S	planning and scheduling
P/B	playback
P/L	payload
P/S	planning/scheduling

PA	payload accommodations
	performance assurance
	product assurance
PAC	privilege attribute certificate
Pacor	packet processor
PACS	Polar Acquisition and Command System
PAF	Processing and Archiving Facility (ESA)
PAIP	performance assurance implementation plan
PAM	permanent archive manager
PAMM	permanent archive and media management
PAN	Production Acceptance Notification
PAR	performance assurance requirements
PARC	public access resource center
PAS	planning and scheduling
	platform analysis system
PAT	Process Action Team
PB	petabyte (10^{15})
PBI	person based interface (non automated)
PBL	product baseline
PC	personal computer
	performance constraints (in tickets)
PCA	program control analyst
PCAR	platform core activity request
PCF	process control file
PCFG	process configuration file
PCI	peripheral component interface
	product configuration identification
PCL	planning class libraries
PCM	Physical Configuration Management (COTS product removed from MSS)
PCON	proof of concept
PDAS	predicted data availability schedules
PDB	project database

pdf	Portable Document Format
PDL	program design language
PDMP	program data management plan project data management plan
PDP	program development plan
PDPS	Planning and Data Processing Subsystems
PDR	Preliminary Design Review
PDR-A	Preliminary Design Review Release-A
PDRD	Product Delivery Record Discrepancy
PDS	planetary data system platform data system production data set production data specialist Product Distribution System (from EDC)
PDU	protocol data unit
PDW	preliminary design walk-through
PEB	Performance Evaluation Board
PETS	performance evaluation and test system
PeV	parameter equals value
PF	Process Framework
PGE	Product Generation Executable
PGGA	Permanent GPS Geodetic Array
PGS	Product Generation Service Product Generation System (ASTER) Product Generation System (ECS element name)
PGSTK	Product Generation System Toolkit (obsolete name, replaced by SDPTK)
PHS&T	packaging, handling, storage and transportation
PI	principal investigator project instruction
PI/TL	principal investigator/team leader
PICF	Principal Investigator Computing Facility
PICS	procurement and inventory control system

PID	parameter identification
	prototype international directory
PIN	password identification number
PIO	policy implementation office
PIP	project implementation plan
PIPOR	Programme of International Polar Oceans Research
PISP	Polar Ice Sheet Program
PIT	product integration team
PK	Primary Key
PLANG	Production PLANning CSCI
PLDS	Pilot Land Data System
	Pilot Land Development System
PLNHW	Planning HWCI
PLS	Planning Subsystem
PM	afternoon (post meridiem)
	EOS Afternoon Equator Crossing Mission -- see EOS PM
	preventive maintenance
	program manager
	project manager
PMA	Performance Management Application
PMAS	performance management application service
PMB	performance measurement baseline
PMIS	project management information system
PMO	Project Management Office
PMP	project management plan
PMR	Program Management Review
PMRD	preliminary mission requirements document
PMS	performance measurement system
	platform management system
PMSR	performance measurement status report
PMSWG	Platform Management System Working Group

PO	program/product order
	project office
	purchase order
POC	point of contact
POCC	Payload Operations Control Center
POD	Project Operations Director
PoDAG	Polar DAAC Advisory Group
PODB	product order data base
POEM	Polar-Orbit Earth Observation Mission
POLDER	POLarization and Directionality of Earth's Reflectances
POP	Polar-Orbiting Platform
POSIX	Portable Operating System Interface for Computer Environments
PPDS	Planning and Processing Data Server
	Planning, Processing and Science Data Server
PPM	principal period of maintenance
ppm	pixels per minute
PPP	point-to-point protocol
PPRR	Preliminary Program Requirements Review
PQT	Preliminary Qualification Testing
PR	Precipitation Radar (TRMM)
	Production Request
PRAREE	Precise Range and Range Rate Equipment -- Extended (ESA)
PRD	program requirements document
PRF	pulse repetition frequency
PRONG	(Data) PROcessiNG (Subsystem) CSCI
PROPS	Propulsion Subsystem (AM-1)
PRR	Preliminary Requirements Review
	Program Requirements Review
PRS	preliminary resource schedule
PS	Project Scientist
PS	PostScript
PSA	Product specific attributes

PSAT	predicted site acquisition table
PSCN	Program Support Communications Network
PSDN	Packet Switched Data Network
PSDR	Preliminary System Design Review
PSR	Program Status Review Pre-Ship Review
PSU	Pennsylvania State University
PTTS	platform test and training system
PVC	permanent virtual circuit performance verification center
PVL	parameter value language
PVP	performance verification plan
PVT	performance verification test
PWA	project work authorization
PWB	Planning WorkBench

Q

Q/L	quick look (same as ECS expedited data)
QA	quality assurance
QAC	quality and accounting capsule
QAE	quality assurance executive
QAM	quality assurance monitor
QAMUT	Quality Assurance Metadata Update Tool (OSS)
QAR	Quality Assurance Representative
QC	quality control
QDS	quick look data set
QLBB	Quick-Look Bulletin Board (JPL)
QRU	Query/Retrieve/Update

R

R&M	reliability and maintainability
R/B	rate buffered
R/L	return link
R/T	real time
R/W	read/write
R1	Release 1
RA	Radar Altimeter
RA-2	Advanced Radar Altimeter (ESA)
RACF	remote access control facility
RADARSAT	Radar Satellite (Canada)
RAE	Royal Aerospace Establishment (UK)
RAID	redundant array of inexpensive disks
RAL	Rutherford Appleton Laboratory (UK)
RAM	random access memory
RARP	reverse address resolution protocol
RASOT	Release A Search and Order Tool
RATS	RAID array tape system
RBR	Requirements By Release
RCC	Release Critical Contingency Iteration
RCL	resource class libraries
RCS	request communications support
RDA	remote database access
RDBMS	Relational DataBase Management System
RDR	Release Design Review
RDW	Request for Deviation/Waiver
RE	responsible engineer
REC	request for engineering change
REL	release

Req't	requirement
RESTEC	Remote Sensing Technology Center of Japan
RF	radio frequency
RFA	remote file access
RFC	request for comments request for change
RFI	request for information
RFP	request for proposal
RFQ	request for quotation
RFS	request for specification
RFSOC	Radio Frequency Simulation Operations Center
RFT	request for technology
RFU	ready for use
RGS	Receiving Ground Station (ASF)
RICC	remote instrument control center
RID	review item discrepancy
RIO	reference identifier object
RIP	router information protocol
RIR	Release Initiation Review
RIS24	24 Bit Raster Image Set
RIS8	8 Bit Raster Image Set
RIT	real-time integrated testbed
RMA	reliability, maintainability, availability
RMM	risk mitigation model
RMON	remote monitor (SNMP)
RMP	risk management panel
RMS	resource management software Resource management subsystem request management services
ROI	return on investment

ROM	read only memory
	rough order of magnitude (cost estimate)
ROSE	Request Oriented Scheduling Engine
RPC	remote procedure call
RPCID	remote procedure call identifier
RRDB	recommended requirements database
RRR	Release Readiness Review
RSA	Russian Space Agency
RSC	Raytheon Systems Company
RSM	Replication Server Manager
RSR	Release Specification Review
RSSD	Replication Server System Database
RST	remote science terminal
	research search tool
RT	real-time
	remote terminal
RTC	relative time commands
RTCS	relative time command sequence
RTF	rich text format
RTM	Requirements and Traceability Management tool (a COTS product)
RTS	real-time subsystem
	real-time server
	relative time sequence
RTSC	Raytheon Technical Services Company
RWIC	Regional Weather Information Center

S

S4P	Simple Scalable Script-based Science Processor
S&E	scheduling and execution
S/C	spacecraft
S/W	software

S/WCI	software configuration item
S2000	Sequoia 2000 project
SA	single access system administrator
SAA	Satellite Active Archives (NOAA)
SAB	Science Advisory Board
SAFIRE	Spectroscopy of the Atmosphere using Far Infrared Emission
SAGE III	Stratospheric Aerosols and Gas Experiment III
SAM	storage/archive management System Assurance Manager
SAMS	Stratospheric Aerosol Measurement Sounder
SAP	service access protocol software assurance plan
SAR	schedule add requests Synthetic Aperture Radar (Alaska Facility Site)
SAS	Service Accounting Segment (NCC) statistical analysis system single attached station
SASS	Seasat A Scatterometer System
SATAN	Security Administrator Tool for Analyzing Networks
SB/SDB	small business/small disadvantaged business
SBA	Small Business Administration (U.S. Government)
SBSRV	Subscription Server
SBUV	Solar Backscatter Ultraviolet
SC-IGBP	Scientific Committee for the IGBP
SCANSAT	Advanced Scatterometer (Dual pencil-beam) for Studies in Meteorology and Oceanography
SCAR	spacecraft core activity request
SCARAB	Scanner for the Radiation Budget
SCC	spacecraft control computer
SCCS	source code control system
SCDO	Science and Communications Development Office (Now ECS Science Development Organization)

SCE	software configuration engineer
SCF	science computing facility
SCG	Space Communication Group
SCIAMACHY	Scanning Imaging Absorption Spectrometer for Atmospheric Cartography
SCIL	software critical items list
SCL	scheduling class libraries spacecraft command language
SCLI	SDSRV Command Line Interface
SCM	software configuration management
SCMP	software configuration management plan
SCN	specification change notice
SCOR	Scientific Committee for Oceanographic Research
SCR	Segment Completion Review
SCS	Spacecraft Checkout Station (AM-1)
SCSI	Small Computer System Interface
SDB	spacecraft database
SDCS	SAR Data Catalog System
SDD	software design documents
SDE	software development environment Science Data Engineering (ECS Science Office)
SDF	software development facility software development folder
SDL	software development library
SDOC	Science Data Operations Center
SDP	science data plan software development plan Science Data Processing
SDPF	Sensor Data Processing Facility (GSFC)
SDPS	Science Data Processing Segment (ECS)
SDPS/W	science data processing software
SDPTK	Science Data Processing Toolkit SDP Toolkit CSCI

SDR	Sensor Data Record (JPL)
	System Design Review
SDRD	subcontract data requirements document
SDRL	subcontract data requirements list
SDS	science data standards
	system design specification
SDSD	Satellite Data Services Division (NOAA)
SDSRV	Science Data SeRVer CSCI
SDT	segment design teams
SDTS	spatial data transfer standard
SDU	service data unit
SDVF	software development and validation facility
SE	system engineering
	system engineer
SE&I	system engineering and integration
SEAS	Systems, Engineering, and Analysis Support (GSFC contract)
Seasat	Sea Satellite
SeaWiFS	Sea-Viewing Wide Field-of-View Sensor
SEB	Source Evaluation Board
SEC	Science Executive Committee
	south equator crossing
SED	Systems Engineering Department (ECS)
SEDAC	Socio-Economic Data and Applications Center (CIESIN)
SEER	system evaluation and estimate of resources
SEF	Sustaining Engineering Facility (EDOS)
SEI	Software Engineering Institute (Carnegie Mellon Univ. in Pittsburgh, PA.)
SEI&T	system engineering, integration, and test
SEIO	Systems Engineering and Integration Office
SEM	system element management
SEO	sustaining engineering organization
SEP	systems engineering plan

SEPG	Software Engineering Process Group
SES	Scheduling and Execution Subsystem
SFDU	standard formatted data unit
SFE	Science Formatting Equipment (AM-1)
SGI	Silicon Graphics, Inc.
SGML	standard generalized markup language
SI	systeme international
SI&P	system integration and planning
SI&PO	System Integration and Planning Office
SI&T	system integration and test
SI&TO	System Integration and Test Organization
SIFP	system implementation and facility plan
SIG	special interest group
SIMD	single instruction, multiple data
SIO	System Integration Organization
SIP	system implementation plan
SIPO	Systems Integration and Planning Office
SIPS	Science Investigator-Led Processing Systems
SIR	Spaceborne Imaging Radar
SIR-B	Shuttle Imaging Radar-B
SIR-C	Spaceborne Imaging Radar-C
SIRD	support instrumentation requirements document System Interface Requirements Document
SIRR	Site Integration Readiness Review
SITP	system integration test plan
SLAP	space link access protocol
SLAR	Side Looking Airborne Radar
SLD	second level destination
SLE	single loss expectancy
SLOC	source lines of code

SLR	Satellite Laser Ranging
SLS	second level source
SM	subcontract manager
SMA	S-band multiple access
SMAP	Software Management and Assurance Program
SMC	System Management Center System Monitoring and Coordination Center
SMCI	system management configuration item
SMF	status message file system management function
SMM	Solar Maximum Mission
SMMR	Scanning Multichannel Microwave Radiometer
SMO	subcontract management office system management office (old term for ECS Systems Engineering Department)
SMP	shared memory processors software management plan symmetric multi-processor
SMPMD	Storage Management Pull Monitor Database
SMR	System Management Review
SMS	Structures and Mechanisms Subsystem (AM-1)
SMSB	System Management Status Briefing
SMTP	Simple Mail Transport Protocol
SMUX	Simple Network Management Protocol Multiplexing
SN	space network
SNC	space network control
SNCC	Space Network Control Center
SNDCP	subnetwork dependent convergence protocol
SNICP	subnetwork independent convergence protocol
SNMP	simple network management protocol
SOC	simulated operations center
SOCC	Science Operations Control Center
SOFT	Software Operations Focus Team

SOLSTICE	Solar Stellar Irradiance Comparison Experiment
SOM	system operations manager science operations manager space oblique mercator
SOP	system operations plan
SOR	System Operations Review
SORD	system and operations requirements document
SORR	Segment Operational Readiness Review
SOW	statement of work
SP	service protocol
SPAN	Space Physics Analysis Network
SPAR	Software performance assurance representative
SPARC	single processor architecture
SPCS	State Plane Coordinates Spheroid
SPIE	Society for Photoelectric Instrument Engineers
SPIN	Scheduling and Planning Information Network
SPN	shared processing network
SPOC	Science Planning and Operations Center
SPOT	Systeme pour l'Observation de la Terre (France)
SPR	software problem report
SPRHW	Science Processing HWCI
SPS	SAR Processing System (ASF) Service Planning Segment (NCC) software program specification
SPSO	Science Processing Support Office
SPSR	Service Planning Segment Replacement
SPSS	science processing software segment statistical package for the social sciences
SQA	software quality assurance
SQL	Structured Query Language
SQR	SQL Report Writer
SQS	spatial query server

SRA	Site Readiness Assessment
SRD	System Requirements Document
SREM	software requirements engineering methodology
SRF	Server Request Framework
SRM&QA	Safety, Reliability, Maintainability, and Quality Assurance
SRP	Science Review Panel
SRR	System Requirements Review
SRS	Software Requirements Specification Segment Requirements Specification
SRT	system readiness test
SSAP	Science Software Archive Package
SSDD	system/segment design document
SSEC	Space Science and Engineering Center (University of Wisconsin)
SSF	Scripps Satellite Facility
SSHA	system safety hazard analysis
SSI&T	Science Software Integration and Test
SSIL	security-sensitivity items list
SSIM	spacecraft simulator (GSFC)
SSIP	system safety implementation plan
SSL	Secure Socket Link
SSM/I	Special Sensor for Microwave/Imager
SSM/T	Special Sensor Microwave/Temperature Sounder
SSR	solid state recorder System Software Review System Specification Review
SSRP	Science System Release Plan (for the ECS Project)
SST	sea surface temperature
SSU	stratospeheric sounding unit
SSW	sudden stratospheric warming
ST	switch-over time
STA	Science and Technology Agency (Japan)

STD	software test document
std	standard
STDN	Spaceflight Tracking and Data Network
STDS	short term data storage
STE	special test equipment
STGT	Second TDRSS Ground Terminal
STK	StorageTek
STIKSCAT	Stick Scatterometer
STIP	short term instrument plan
STL	Science and Technology Laboratory
STM	STorage Management
STMGT	STorage ManaGemenT CSCI
STOL	System Test and Operations Language (GSFC)
STOP	short-term operations plan
STP	software test plan
StP/OMT	Software Through Pictures/Object Modeling Technique
STREX	Storms Response Experiment
SUSIM	Solar Ultraviolet Spectral Irradiance Monitor
SUSTS	SN users' simulation and test system software
SVD	system verification diagram
SWG	science working group
SWIR	Short Wavelength Infrared
SWIRLS	Stratospheric Wind Infrared Limb Sounder
SW/LW	Software/Long Wave
SWT	Science Working Team
Sybase	(ECS) COTS database management product (ASE)
SYSLOG	System Log

T

T&C	telemetry and command
T/DC	time/date conversion
TAD	Technology Architecture Division
TAE	Transportable Applications Environment
TAG	Technical Assistance Group
TAI	International Atomic Time
TAR	Tape Archive
TAT	Technical Assessment Team
TB	terabyte (10^{12})
TBC	to be confirmed
TBD	to be determined to be defined
TBR	to be resolved
TBS	to be supplied
Tbyte	terabyte
TCP	Transmission Control Protocol
TCP/IP	Transmission Control Protocol/Internet Protocol
TCS	Thermal Control Subsystem (AM-1)
TD	time date conversion
TDB	Barycentric Dynamical Time
TDM	Test Data Management
TDMA	time division multiplex access
TDP	technical data package tabular datastream protocol
TDRS	Tracking and Data Relay Satellite
TDRSGS	TDRS Ground Station
TDRSS	Tracking and Data Relay Satellite System

TDT	Terrestrial Dynamical Time
T/EC	Tivoli Enterprise Console
TELNET	telecommunication network
TEM	Terrestial Ecosystem Model
TERRA	EOS AM Mission spacecraft 1, morning equator crossing spacecraft series—ASTER, MISR, MODIS and MOPITT instruments
TES	Tropospheric Emission Spectrometer
TGDDIS	Trace Gas Dynamics Data and Information System
TGM	trace gas model
TGS	ticket granting service Time generation system
TGT	TDRSS Ground Terminal ticket granting ticket
THIR	Temperature/Humidity Infrared Radiometer (Nimbus)
TIGER	Thermal Infrared Ground Emission Radiometer
TIM	technical interchange meeting
TIMS	Thermal Imaging Spectrometer
TIP	Technical Information Program
TIR	thermal infrared
TIROS	Television Infrared Observation Satellite
TL	team leader
TLCF	team leader computing facility
TLM	telemetry [subsystem]
TM	team member Thematic Mapper (Landsat)
TMCF	team member computing facility
TMDB	technical management database (ECS)
TME	Tivoli Management Environment
TMI	TRMM Microwave Imager
TMN	Telecommunications Management Network
TMR	TOPEX/Poseidon Microwave Radiometer

TN	TDRSS network transmittal notice
TO	technical officer
TOGA/COARE	Tropical Ocean and Global Atmosphere Coupled Ocean Atmosphere Response Experiment
TOMS	Total Ozone Mapping Spectrometer
TONS	TDRSS On-board Navigational System
TOO	target of opportunity
TOPEX	Ocean Topography Experiment (joint US-France)
TOPS	Tape Order Processing System (LaRC)
TOVS	TIROS Operational Vertical Sounder
TP	technical paper
TPOCC	Transportable Payload Operations Control Center
TQM	total quality management
TR	tape recorder
TRACER	Tropospheric Radiometer for Atmospheric Chemistry and Environmental Research
TRAK	Data request, tracking system (NSIDC)
TRAMAR	Tropical Rain Mapping Radar
TRMM	Tropical Rainfall Measuring Mission (joint US-Japan)
TRR	Test Readiness Review
TRUST	TDRSS Resource User Support Terminal
TS	test surveillance Transport Subsystem (Ecom)
TSDIS	TRMM Science Data and Information System
TSG	Technical Support Group
TSS	TDRSS Service Session
TST	TRMM Science Team
TSTOL	TRMM System Test and Operations Language (GSFC)
TSU	TRMM Science User
TSWG	TRMM Science Working Group

TT	trouble ticket
TT&C	telemetry, tracking, and command
TTAU	teletex access unit
TW	target week

U

U/I	user interface
U/L	up-link
UAF	University of Alaska, Fairbanks
UARS	Upper Atmosphere Research Satellite
UAV	unmanned aerospace vehicle User Antenna View
UC	University of California
UCAR	University Corporation for Atmospheric Research
UDF	unit development folder
UDP	user datagram protocol
UDP/IP	user datagram protocol/internet protocol
UFS	UNIX file system
UID	universal identifier
UIOAR	user interface off-line analysis request
UIT	User Interface Terminal (ESA)
UK	United Kingdom
UL	Underwriters Laboratory
UML	Unified Modeling Language
UNEP	United Nations Environmental Programme
UNESCO	United Nations Educational Scientific and Cultural Organization
UPS	uninterruptable power supply user planning system
UR	universal reference

URDB	User Registration Database
	User's Recommendations Home Page
URL	uniform resource locator
	Universal Resource Locator
URT	User Registration Tool
U.S.	United States
USDA	United States Department of Agriculture
USDC	United States Department of Commerce
UserDIS	User Data Information System
USGCRP	U.S. Global Change Research Program
USGS	U.S. Geological Survey
USNO	United States Naval Observatory
USO	user support office
USRA	University Space Research Associates
UT	universal time
UTC	Coordinated Universal Time
	Universal Time Code
UTCF	universal time correlation factor
UTM	universal transverse mercator
UUID	universal unique identifier
UV	ultraviolet
UWA	University of Washington
UWG	user working group
UWI	University of Wisconsin

V

V&V   verification and validation

V0   Version 0 (Version Zero; use V-0 for EDHS search)

V0 Gateway   Version zero Gateway (V0 GTWAY CSCI)

V0 ODL   Version 0 Object Description Language

V0.1   Version 0.1

V1   Version 1

VAF   Verification Analysis Form

VAFB   Vandenberg Air Force Base

VAP   value added provider

VAS   VISSR Atmospheric Sounder (GOES)

VAT   Verification and Acceptance Testing

VATC   Verification and Acceptance Test Center

VAX   virtual extended address

VC   virtual channel

VCATS   Vendors Costing and Tracking System (ECS)

VCDU   virtual channel data unit

VC-ID   virtual channel identifier

VDD   version description document

VE   verification

VFS   virtual file system

VHS   vertical head synchronization

VHSIC   very high speed integrated circuit

VIMS   virtual IMS

VIP   Versatile Interface Processor

VIRR   Visible and Infrared Radiometer

VIRS   Visible Infrared Scanner (TRMM)

VIS   vendor information system

VIS-UV	Visible/Ultraviolet Spectrometer
VISSR	Visible/Infrared Spin-Scan Radiometer (GOES)
VLBI	very long baseline interferometer
VLSI	very large scale integration
VMS	virtual memory system
VNIR	visible and near infrared
VOB	version object base
VOM	volt ohm meter
VP	verification plan
VPF	vector product format
VS	verification specification
VSAT	very small aperture terminal
VT	virtual terminal
VTP	virtual terminal protocol
VTRS	Vandenberg Telemetry Receiver Site
VTS	virtual terminal service

W

WAD	work authorization document
WAIS	wide area information server
WAN	wide area network
WBDCS	Wide Band Data Collection System
WBS	work breakdown structure
WCRP	World Climate Research Programme
WDC	World Data Center
WEGENER	Working Group of European Geoscientists for the Establishment of Networks for Earthquake Research
WFF	Wallops Flight Facility
WGD	Working Group on Data (CEOS)

WGGCR	Working Group on Global Change Research
WINDII	Wind Imaging Interferometer
WKBCH	WorKBenCH CSCI
WKSHW	Working Storage HWCI
WMO	World Meteorological Organization
WOCE	World Ocean Circulation Experiment
WORM CD	write once, read many compact disk
WORM	write once read many
WOTS	Wallops Orbital Tracking Station
WP	white paper work package
WPL	Wave Propagation Laboratory (NOAA)
WRS	Worldwide Reference System
WS	working storage workstation
WSC	White Sands Complex
WSGT	White Sands Ground Terminal
WSMC	Western Space and Missile Center
WTS	Wallops Tracking Station
WWW	World Wide Web

X

X.400	OSI standard for mail services
X.500	OSI standard for directory services
xAR	(any kind of or generic) Acquisition Request
XBDS	Bulk Data Service Protocol
XBT	Expendable Bathythermograph
XDR	external data representation
XDS	X/Open Directory Service
XF	transfer frame

XFS	Extended file system
XFG	transfer frame generator
XFN	X/Open Federated Naming
XIE	X-ray Imaging Experiment
XML	Extensible Markup Language
XMP	X/Open Management Protocol
XOM	X/Open OSI-Abstract-Data Manipulation
XSAR	X-band SAR
XTE	X-Ray Timing Explorer
XVT	XVT Software, Inc.

Y

Y2k	Year2000

Z

Z	UNIX compressed format
Zmail	Unix mail tool
ZOE	zone of exclusion

etc.

3GL	third generation language
4GL	fourth generation language

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